DERWENT-ACC-NO: 1995-068115

DERWENT-WEEK: 199510

TITLE: Polylactide with improved fire resistance contains metal oxide, hydrated metal oxide, phosphate or guanidinium salt as fire retardant

INVENTOR: STERZEL H

PATENT-ASSIGNEE: BASF AG[BADI]

PRIORITY-DATA: 1993DE-4325849 (July 31, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
DE 4325849 A1	February 2, 1995	EN

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE 4325849A1	N/A	1993DE-4325849	July 31, 1993

INT-CL-CURRENT:

TYPE	IPC DATE
CIPS	C08 K 5/00 20060101
CIPS	C09 K 21/00 20060101

ABSTRACTED-PUB-NO: DE 4325849 A1

BASIC-ABSTRACT:

Fire resistance polylactide (I) contains 5-100 pts.wt. metal oxide, hydrated metal oxide, phosphate or guanidinium salt to 100 pts.wt. polylactide.

USE - Used for the prodn. of housings or functional parts in machine construction, electrical engineering, electronics, consumer goods, etc.

ADVANTAGE - Improves the already good fire resistance of polylactide to the level of UL 94 rating VO, with the aid of fire retardants which are acceptable w.r.t. waste disposal and compostability.

TITLE-TERMS: IMPROVE FIRE RESISTANCE CONTAIN METAL OXIDE HYDRATED PHOSPHATE GUANIDINIUM SALT RETARD

DERWENT-CLASS: A23 E11 E16 E33 E35

CPI-CODES: A05-E02; A08-F; A08-F01; A08-F03; E10-A17B; E31-D04; E31-K05; E31-K06; E34-B02; E34-C02;

CHEMICAL-CODES: Chemical Indexing M3 *01* Fragmentation Code K0 L2 L250 M280 M320 M416 M620 M640 M771 M782 Q010 Q030 Q621 Markush Compounds 9510A3101 Registry Numbers 130064 130111 131463 131663 134295 422

Chemical Indexing M3 *02* Fragmentation Code B215 B701 B713 B720 B815 B831 C101 C106 C108 C316 C530 C540 C800 C802 C804 C805 C807 M411 M771 M782 Q010 Q030 Q621 Markush Compounds 9510A3101

Chemical Indexing M3 *03* Fragmentation Code A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M782 Q010 Q030 Q621 Markush Compounds 9510A3102

Chemical Indexing M3 *04* Fragmentation Code A212 A313 A940 C101 C108 C550 C730 C801 C802 C804 C805 C807 M411 M782 Q010 Q030 Q621 Specific Compounds R04629 Markush Compounds 9510A3103 Registry Numbers 130157

UNLINKED-DERWENT-REGISTRY-NUMBERS: ; 0956U ; 1509U

ENHANCED-POLYMER-INDEXING: Polymer Index [1.1] 017 ; G2142 G2131 D01 F43 D11 D10 D23 D22 D46 D50 D63 D86; H0000; P0839*R F41 D01 D63; P0055; S9999 S1627 S1605; S9999 S1503 S1456; S9999 S1434;

Polymer Index [1.2] 017 ; ND04; B9999 B4239; Q9999 Q7885*R; Q9999 Q7330*R; Q9999 Q7692 Q7681; N9999 N6144; N9999 N6440*R; K9949; N9999 N5890 N5889; N9999 N6860 N6655; N9999 N5812*R;

Polymer Index [1.3] 017 ; D01 D11 D10 D50 D69 D81 Cl

7A R00273 20; A999 A475;

Polymer Index [1.4] 017 ; D00 F20 O* 6A Gm; A999 A248*R;

Polymer Index [1.5] 017 ; D00 F20 F21 H* O* 6A Gm; A999 A248*R;

Polymer Index [1.6] 017 ; F53 O* 6A P* 5A; A999 A248*R;

Polymer Index [1.7] 017 ; D01 D11 D10 D50 D61*R F16 N* 5A; A999 A248*R;

Polymer Index [1.8] 017 ; D00 D67 F21 H* Al 3A O* 6A R02020 129331 87080; D00 D67 F21 H* Mg 2A O* 6A R01509 99998; D00 F16 F53 H* N* 5A O* 6A P* R03561 130174; A999 A248*R;

Polymer Index [1.9] 017 ; D01 D11 D10 D50 D61*R D81 F16 F53 N* 5A; A999 A248*R;

Polymer Index [1.10] 017 ; D01 D11 D10 D50 D61*R D82 F16 F60 N* 5A; A999 A248*R;

Polymer Index [1.11] 017 ; D01 D11 D10 D50 D61*R D83 F16 F44 N* 5A; A999 A248*R;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1995-030068